

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5635	(carbide nitride)and(FED.U/C. (field adj emission))	US-PGPUB; USPAT	OR	ON	2007/12/06 16:02
S2	2515	(carbide nitride)and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:39
S3	496	((carbide nitride)same(coat\$3))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:40
S4	28	((carbide nitride)same(coat\$3)same((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker))))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:49
S5	0	((carbide nitride)with(nano\$1structure nano\$1emitter))same(coat\$3))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:52
S6	9	((("6283812") or ("6297592") or ("5079112") or ("5532496") or ("5982095") or ("6036774") or ("6091190") or ("5654497") or ("6649403")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/06 15:51
S7	0	((nano\$1carbide nano\$1nitride))same(coat\$3))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:53
S8	0	((nano\$1carbide nano\$1nitride))same(coat\$3))and(FED.U/C. (field adj emission))	US-PGPUB; USPAT	OR	ON	2007/12/06 15:53
S9	0	((nano\$1carbide nano\$1nitride)))and(FED.U/C. (field adj emission))	US-PGPUB; USPAT	OR	ON	2007/12/06 15:53
S10	46	(nano\$1carbide nano\$1nitride)	US-PGPUB; USPAT	OR	ON	2007/12/06 15:53
S11	94	((carbide nitride)same((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker))))same(coat\$3))and(FED.U/C. (field adj emission))	US-PGPUB; USPAT	OR	ON	2007/12/06 16:03
S12	50	("5780101"   "5903010"   "5908692"   "5916642"   "6090545"   "6172902").PN. OR ("6340822").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 10:23

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S13	73	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(coat\$3 with metal)same(field adj(emitter emitting emission)))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:33
S14	70	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(coat\$3 with metal))and((field adj(emitter emitting emission))FED.U/C.).ti.	US-PGPUB; USPAT	OR	ON	2007/12/07 12:56
S15	1	("20020117951").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 10:57
S16	1	("2002/0117951").URPN.	USPAT	OR	ON	2007/12/07 11:06
S17	32	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(radius with curvature))and((field adj(emitter emitting emission))FED.U/C.).ti.	US-PGPUB; USPAT	OR	ON	2007/12/07 13:25
S18	207	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(nitride with (coat\$3 sputter\$3 PVD (physical with vapor))))	US-PGPUB; USPAT	OR	ON	2007/12/07 13:49
S19	1	("20020063513").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 13:36
S20	123	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(nitride)same(nitrogen))	US-PGPUB; USPAT	OR	ON	2007/12/07 13:50

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S21	41	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(nitride)same(nitrogen)same(metal))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:08
S22	5	((("20010024078") or ("5589728") or ("20020067127") or ("20020051893") or ("6881115")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 14:10
S23	1857	(HfN TaN WN ZrN NbN MoN TiN VN CrN)same((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker))))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:11
S24	499	((HfN TaN WN ZrN NbN MoN TiN VN CrN)same((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker))))and(FED.U/C. (field adj emission))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:19
S25	677	(TiN (titanium with nitride))same(adhesion)same(nitrogen)	US-PGPUB; USPAT	OR	ON	2007/12/07 14:20
S26	7	((TiN (titanium with nitride))same(adhesion)same(nitrogen))and(nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:22
S27	165	((TiN (titanium with nitride))same(adhesion)same(nitrogen)same(method))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:22
S28	63	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(coat\$3)same(resistive))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:31

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S29	24	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(coat\$3 with resistive))	US-PGPUB; USPAT	OR	ON	2007/12/07 14:36
S30	253	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(coat\$3 with (ZnO Si)))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:26
S31	1	("6949877").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/07 15:26
S32	18	("20020070648"   "20020121856"   "20030042128"   "5495143"   "5686789"   "6057637"   "6097138"   "6137225"   "6140045"   "6172453"   "6239547"   "6250984"   "6294867"   "6333598"   "6346775"   "6451175"   "6486609"   "6559582").PN. OR ("6949877").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/07 15:33
S33	181	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(oxidation with coat\$3))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:47
S34	25	((nano\$tube nano\$particle nano\$filament nano\$rod nano\$wire nano\$fiber nano\$whisker nano\$structure SWNT CNT MWNT graphene graphite\$platelet\$ (graphite near3 platelet\$) (nano near3 (filament fiber fibre rod wire tube tubular structure particle whisker)))same(barium with coat\$3))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:53
S35	2831	(FED.U/C. (field adj emission))and(silicon adj nitride)	US-PGPUB; USPAT	OR	ON	2007/12/07 15:54
S36	781	(FED.U/C. (field adj emission))and((silicon adj nitride)same(dielectric))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:55
S37	137	(FED.U/C. (field adj emission)).ti. and((silicon adj nitride)same(dielectric))	US-PGPUB; USPAT	OR	ON	2007/12/07 15:55

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S38	13	("20040175844"   "20050104056"   "5079112"   "5532496"   "5654497"   "5982095"   "6036774"   "6091190"   "6129901"   "6231744"   "6283812"   "6297592"   "6649403").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/09 17:27
S39	1	("6649431").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/09 19:55
S40	365	(445/46).OCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/09 19:55
S41	3	((oxycarbide)with(coat\$3))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/17 13:33
S42	19	((oxynitride)with(coat\$3))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/17 13:35
S43	328	(gate with (ITO IZO (metal with oxide)))and(FED.U/C. (field adj emission))and("313"/\$.ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/17 13:41
S44	1	("6504292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/17 13:45